ROBE FAZE 850 FT PRO

USER MANUAL

Version: 1.0

FT series

ROBE Lighting s.r.o. ● Czech Republic ● www.robe.cz

ROBE FAZE 850 FT PRO

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1. Introduction

Thank you for choosing the ROBE FAZE 850 FT PRO. You now own a rugged and powerful state-of-the-art machine. Prior to use, we suggest that you carefully read all of the instructions. By following the suggestions found in this user manual, you can look forward to the reliable and satisfactory performance of your ROBE FAZE 850 FT PRO machine for years to come.

Please follow these operation, safety and maintenance instructions to ensure a long and safe life for your faze machine.

2. Safety information

Please read the following safety information carefully before operating the machine. This information includes important safeguards about installation, usage, and maintenance. Pay attention to all warning labels and instructions in this manual and printed on the machine.

Keep this device dry.

Always connect to a grounded circuit to avoid risk of electrocution.

Before connecting machine to power, always check voltage indicate on machine match to your local AC voltage. Do not use the machine if AC power voltage does not match.

Disconnect the machine from AC power before servicing and when not in use.

This product is for indoor use only! Do not expose to rain or moisture. If fluid is spilled, disconnect AC power and clean with a damp cloth. If fluid is spilled onto electronic parts, immediately unplug the machine and contact your local Robe dealer for advice.

No user serviceable and modifiable parts inside. Never try to repair this product, an unauthorized technician may cause damage or malfunction to the machine.

For adult use only. Never leave the machine running unattended.

Installed the machine in a well-ventilated area. Provide at least 50 cm space around the machine. Never add flammable liquid of any kind to the machine.

Make sure there are no flammable materials close to the machine while operating.

Only use Robe fluid. Other fluid may lead to heater clog and malfunction.

If the machine fails to work, unplug the machine and stop operation immediately.

Before transporting the machine, make sure the fluid tank is completely drained.
Fog fluid may present health risks if swallowed. Do not drink fog fluid. Store it securely.
In case of eye contact or if fluid is swallowed, immediately look for medical advice.

3. Unpacking and Inspection

Immediately upon receiving the machine, carefully unpack the carton, check the content to ensure that all parts are present and have been received in good condition. If any parts appear damaged or mishandled from shipping, notify the shipper immediately and retrain the packing material for inspection.
Included items:

1 x FAZE 850 FT PRO
1 x Power Cord
1 x Fluid Tank
1 x User Manual

4. Product overview

5. Setting Up

Step 1: Place the machine on a flat surface and in a suitable large area with at least 50 cm open space around the machine.

Step 2: Fill the fluid tank with Robe approved fluid.

Step 3: Connect the machine to suitable rated power supply.To determine the power requirement for the machine refer to the label on the back of the machine.

Always connect the machine to a protected circuit and ensure it is properly grounded to avoid risk of electrocution!

Step 4: Turn on the machine and allow it to heat up. Heat up takes approximatly 4 mintues. Once the machine has reached operating temperature, the display will show Ready to Faze. Now the machine is ready for operation.

Step 5: To start making haze, press the Volume button on the control panel.

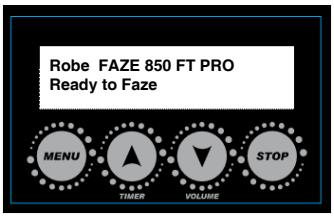
Step 6: To turn off the machine, hold the STOP button for 3 seconds; the machine will automatically run a self-cleaning process and shut off after the process is done.

6. Language setting

To switch the language used for the control interface, press the [Menu] button BEFORE turning on the machine and HOLD it until the LCD screen flashes twice. After the two flashes, press [Menu] to choose the language: English and Chinese.

7. Operation

Control Panel Operation
The machine can be operated with the onboard digital control interface.



Button	Function
[MENU]	Scroll through setting menu
[UP]/[TIMER]	Up/Activate Timer function
[DOWN]/[VOLUME]	Down/Activate Volume function
[STOP]	Deactivate Timer/Volume function Or to select and memorize the setting. Hold 3 seconds to start self-cleaning process

Control menu

Timer

Interval XXX Sec

Set interval from 1 to 300 seconds

Timer

Duration XXX Sec

Set duration from 1 to 120 seconds

Timer

Output XXX %

Set output volument from 1 to 100 %

Volume

Output XXX %

Set output volume from 1 to 100 %

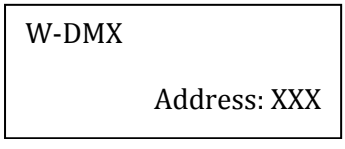
Fan Speed

XXX %

Set fan speed from 20 to 100%

DMX-512

Address: XXX



Set DMX/W-DMX address from 1 to 511

W-DMX Power

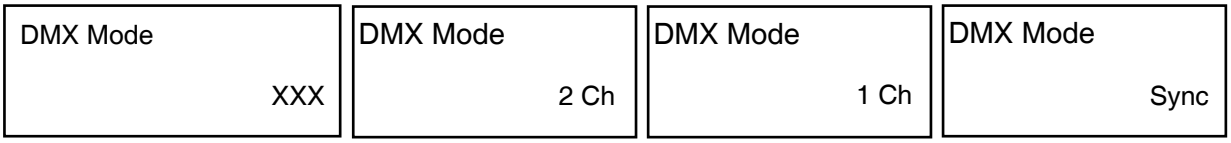
XX

Turn On/Off W-DMX

W-DMX Reset

XX

Unlink from a W-DMX transmitter



Air Pump Sensor

XX

Turn On/Off air pump sensor

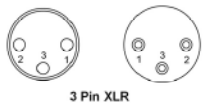
Run Last Setting

XX

Turn On/Off run last setting function

DMX Connector Pin Assignment

The machine provides a 3- or 5-pin XLR connector for DMX connection. The diagram below indicates pin assignment information.



Pin	Function
1	Ground
2	Data -
3	Data +

DMX Operation

Making the DMX Connection – Connect the machine to a DMX controller or to one of the machines in the DMX chain. The machine uses a 3-pin or 5-pin XLR connector for DMX connection, the connector is located on the front of the machine.

Address Setup – Use control menu to set DMX address. The machine occupies 2 control channels. The starting address is defined as the first channel from which the machine will respond to the controller. Always double check to make sure there are no overlapping channles in order to control the machine correctly.

DMX chart

Mode/Channel			Value	Function	Type of control
1	2	Sync			
1	-	-	0-4 5-255	**Faze** Faze Off, Fan 100% Faze 1-100%, Fan 100%	step proportional
-	1	-	0-4 5-255	**Faze** Faze Off Faze 1-100%	step proportional
-	-	1	0-4 5-255	**Faze** Faze Off, Fan 20% Faze 1-100% , Fan 21-100%	step proportional
-	2	-	0-4 5-255	**Fan** Fan 20% Fan 21-100%	step proportional

8. Fluid

Only use Robe water-based liquid for the Faze 850 FT PRO. The machine is tested and calibrated with this liquid to get the best output performance. Warranty will be void if any other type of liquid is used, improper use of liquid may lead to machine failure and malfunction.

9. Service and maintenance

Do not allow the machine to become contaminated.

Remove dust from air vents with air compressor, vacuum or a soft brush.

Only use a damp cloth to clean the casing.

Before storing run distilled water through the system to help avoid condensing the pump or heater.

It is recommended to run the machine on a monthly basis in order to achieve best performance and output condition.

Excessive dust, liquid and dirt built up will degrade performance and cause overheating.

Replacing the Fuse

Disconnect AC power before replacing fuse. Only replace fuse with same type and rating.

Step 1: Disconnect power cord from supply.
Step 2: Use a flat-head screwdriver to release fuse holder.
Step 3: Replace fuse with exact same type and rating as indicated below.
Step 4: Reinsert fuse holder.

Breaker

100V = T6.3A 250V
110 – 120V = T7A 250V
220 – 240V = T4A 250V

Status of W-DMX connection

Symbol on the Liquid Crystal Display	Status of W-DMX connection
●	Transmitter assigned, DMX signal received
◎	Transmitter assigned, No DMX signal
◉	Transmitter link lost or linking to transmitter
○	Transmitter not assigned

10. Status messages

Warming Up	
	Machine heating up
Faze 850 FT Pro	
Ready To Faze	Machine ready for operation
Warning!	
Heater Overheat	Machine has detected overheat on heater unit and will not operate, please contact local distributor/dealer for service and support.
Warning!	
Temp Error	Machine can not heat up and will not operate. Please contact local distributor/dealer for service and support.
Warning!	
Fluid Backflow	Fluid backflow into airpump detected, machine will not operate. Please contact local distributor/dealer for service and support.

11. Technical specifications

Input voltage:	110-120V 60Hz or 220-240V 50Hz
Breaker:	100V = T6.3A 250V 110 – 120V = T7A 250V 220 – 240V = T4A 250V
Power Consumption:	850W
Warm-up time:	4 minute (approx.)
Fluid tank capacity:	2.8 L
Fluid consumption:	3 ml per minute
Recommended Fluid:	Robe water-based fog fluid for the best effect
Control options:	LCD Menu, DMX 512, Wireless DMX* Adjustable output volume and fan speed
DMX channels:	2 channels
Power connection:	Neutrik PowerCON
DMX data connection:	3-pin and 5-pin XLR
Dimension:	L 535 x W 465 x H 225 m
Dry weight:	22.9 kg

* The wireless DMX Reciver CRMX™ from Lumen Radio is an optional accessory only.

Optional accessories
Upgrade kit CRMX Universal FT (P/N 99030204)

September 14, 2015
Specifications are subject to change without specification